

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

IN THE CLAIMS:

Claim 1 (currently amended). A gear  $[[\text{Gear}]]$  pump  $[[\text{(100)}]]$  comprising a pump cover  $[[\text{(1)}]]$ , an internal rotor  $[[\text{(16)}]]$  disposed rotatably in a recess  $[[\text{(9)}]]$  of the pump cover  $[[\text{(1)}]]$  and formed in a rotationally fixed manner on a drivable plug-in shaft  $[[\text{(11)}]]$ , and an external rotor  $[[\text{(19)}]]$  rotatably disposed in the recess  $[[\text{(9)}]]$  of the pump cover  $[[\text{(1)}]]$  in such an eccentric manner relative to the axis of rotation (A) of the internal rotor  $[[\text{(16)}]]$  that the external rotor  $[[\text{(19)}]]$  is in mesh with the internal rotor  $[[\text{(16)}]]$  only in a first angle-of-rotation range ( $\alpha$ ) and in a second angle-of-rotation range ( $\beta$ ) lying opposite the first angle-of-rotation range ( $\alpha$ ) is in contact with an inner surface  $[[\text{(25)}]]$  of a web  $[[\text{(23)}]]$ , which is disposed in the recess  $[[\text{(9)}]]$  and is in turn in contact at its outer surface  $[[\text{(26)}]]$  with the external rotor  $[[\text{(19)}]]$ , so that after closing of the recess  $[[\text{(9)}]]$  by a cover plate  $[[\text{(27)}]]$  there is formed in the recess  $[[\text{(9)}]]$  an admission pressure chamber  $[[\text{(21)}]]$  and a low-pressure chamber  $[[\text{(22)}]]$ ,

~~characterized in~~

~~that~~ wherein a holding element  $[[\text{(33)}]]$ , which is held in the pump cover  $[[\text{(1)}]]$ , in the initial assembled state of the gear pump  $[[\text{(100)}]]$  holds the cover plate  $[[\text{(27)}]]$  at a fixed angle of rotation on the pump cover  $[[\text{(1)}]]$ .

Claim 2 (currently amended). The gear [[Gear]] pump according to claim 1,  
~~characterized in~~  
~~that~~ wherein the cover plate [[(27)]] in the final assembled state of the gear pump  
[[ (100) ]] is released by the holding element [[(33)]].

Claim 3 (currently amended). The gear [[Gear]] pump according to claim 1 [[or 2]],  
~~characterized in~~  
~~that~~ wherein the holding element [[(33)]] is held in a first recess [[(40)]] provided in the  
pump cover [[(1)]] and in the initial assembled state of the gear pump [[(100)]] holds the  
cover plate [[(27)]] by means of a second recess [[(32)]] provided in the cover plate  
[[ (27) ]] at a fixed angle of rotation on the pump cover [[(1)]].

Claim 4 (currently amended). The gear [[Gear]] pump according to claim 3,  
~~characterized in~~  
~~that~~ wherein the holding element [[(33)]] in the final assembled state of the gear pump  
[[ (100) ]] is displaced in the first recess [[(40)]] to such an extent that the cover plate  
[[ (27) ]] is no longer held by the holding element [[(33)]].

Claim 5 (currently amended). The gear [[Gear]] pump according to ~~one of claims 1 to 4~~  
claim 1,  
~~characterized in~~  
~~that~~ wherein the holding element [[(33)]] is made of a deformable plastics material.

Claim 6 (currently amended). The gear [[Gear]] pump according to claim 3 [[or 4]],  
~~characterized in~~  
~~that~~ wherein the holding element [[(33)]] comprises a cylindrical partial body [[(39)]],  
the outside diameter of which is slightly larger than the inside diameter of the first recess  
[[ (40) ]], so that in the course of insertion of the holding element [[(33)]] into the first  
recess [[ (40) ]], the cylindrical partial body [[(39)]] experiences a specific radial bias, by  
means of which a force-locking connection exists between the holding element [[(33)]]  
and the pump cover [[(1)]].

Claim 7 (currently amended). The gear [[Gear]] pump according to claim 6,  
~~characterized in~~  
~~that~~ wherein the surface of the cylindrical partial body [[(39)]] of the holding element  
[[ (33) ]], has scales.

Claim 8 (currently amended). The gear [[Gear]] pump according to claim 6 [[or 7]],  
~~characterized in~~  
~~that~~ wherein the cylindrical partial body [[(39)]] of the holding element [[(33)]] for  
receiving a screw [[(51)]] has an inner bore [[(47)]], the inside diameter of which  
approximately corresponds to the outside diameter of the screw [[(51)]].

Claim 9 (currently amended). The gear [[Gear]] pump according to ~~one of claims 6 to 8~~  
claim 6,  
~~characterized in~~

~~that~~ wherein adjoining the cylindrical partial body [(39)] is a conical partial body [(41)], which is passed through the second recess [(32)] and in the final assembled state of the pump cover [(1)] is in contact by its outer surface [(42)] with the second recess [(32)] of the cover plate [(27)] in such a way that by means of the holding element [(33)] a positive connection is realized between the pump cover [(1)] and the cover plate [(27)].

Claim 10 (currently amended). The gear [[Gear]] pump according to claim 8,  
~~characterized in~~

~~that~~ wherein a portion [(53)] of an inner bore, which is situated in the conical partial body [(41)] in a continuation of an inner bore portion [(47)] situated in the cylindrical partial body [(39)] and the diameter of which is designed smaller than the diameter of the inner bore portion [(47)] situated in the cylindrical partial body [(39)], is used to ventilate the first recess [(40)] of the pump cover [(1)].

Claim 11 (currently amended). The gear [[Gear]] pump according to claim 9 [[or 10]],  
~~characterized in~~

~~that~~ wherein the conical partial body [(41)] in its area [(44)] has an annular recess [(43)], the annular area of which tapers with increasing recess depth in such a way that up to the height of the base of the annular recess [(43)] there are formed in the centre of the conical partial body [(41)] a cylindrical bottom partial body [(45)] and at the periphery of the conical partial body [(41)] a hollow-cone-shaped bottom partial body [(46)] of a constant wall thickness.

Claim 12 (currently amended). The gear [[Gear]] pump according to claim 11,  
~~characterized in~~  
~~that~~ wherein the conical partial body [[(41)]] owing to the annular recess [[(43)]] is  
deformable in such a way that it is introducible by its hollow-cone-shaped bottom partial  
body [[(46)]] entirely into the first recess [[(40)]] in the final assembled state of the gear  
pump [[(100)]].

Claim 13 (currently amended) The gear [[Gear]] pump according to claim 11 [[or 12]],  
~~characterized in~~  
~~that~~ wherein the cylindrical bottom partial body [[(45)]] is lengthened compared to the  
area [[(44)]] of the conical partial body [[(41)]] by the thickness of the cover plate  
[[27]], so that in the final assembled state of the gear pump [[(100)]] the hollow-cone-  
shaped bottom partial body [[(46)]] is introduced entirely into the first recess [[(40)]] and  
there is therefore no longer any contact with the cover plate [[27]].

Claim 14 (currently amended). The gear [[Gear]] pump according to claim 11 [[or 12]],  
~~characterized in~~  
~~that~~ wherein the hollow-cone-shaped bottom partial body [[(46)]] is adjoined by a  
hollow-cylindrical bottom partial body [[(52)]], the height of which corresponds to the  
thickness of the cover plate [[27]], so that in the final assembled state of the gear pump  
[[100]] the hollow-cone-shaped bottom partial body [[(46)]] is introduced entirely into  
the first recess [[(40)]] and there is therefore no longer any contact with the cover plate  
[[27]].

Claim 15 (currently amended). The gear [[Gear]] pump according to ~~one of claims 1 to 14~~ claim 1,  
~~characterized in~~  
~~that~~ wherein the web [[(23)]] in the recess [[(9)]] of the pump cover [[(1)]] is sickle-shaped.

Claim 16 (currently amended). The gear [[Gear]] pump according to ~~claims 1 to 15~~ claim 1,  
~~characterized in~~  
~~that~~ wherein in the final assembled state of the gear pump [[(100)]] the pump cover [[(1)]] with the cover plate [[(27)]] at a fixed angle of rotation is fastened by means of screw connections to a connection plate [[(4)]] of a hydraulic pump.

Claim 17 (currently amended). The gear [[Gear]] pump according to claim 16,  
~~characterized in~~  
~~that~~ wherein the admission pressure chamber [[(21)]] is connected by kidney-shaped recesses [[(30)]] in the cover plate [[(27)]] and the connection plate [[(4)]] to an intake channel of the hydraulic pump and the low-pressure chamber [[(22)]] is connected by kidney-shaped recesses [[(31)]] in the cover plate [[(27)]] and the connection plate [[(4)]] to a hydraulic tank.

Claim 18 (currently amended). The gear [[Gear]] pump according to claim 16 ~~[[or 17]]~~,  
~~characterized in~~

that wherein the plug-in shaft [(11)] is rotatably mounted in a first plain bearing [(10)] in the pump cover [(1)] and in a second plain bearing [(13)] in the connection plate [(4)].

Claim 19 (currently amended). The gear [Gear] pump according to ~~one of claims 1 to 18~~ claim 1,

~~characterized in~~

that wherein the internal rotor [(16)] is fastened by a clamping key [(15)], which engages into a keyway [(19)] of the internal rotor [(16)], in a rotationally fixed manner to the plug-in shaft [(11)].

Claim 20 (currently amended). The gear [Gear] pump according to ~~one of claims 1 to 19~~ claim 1,

~~characterized in~~

that wherein the plug-in shaft [(11)] in the final assembled state of the gear pump [(100)] is fixed in its axial position by means of a round ring [(38)], which is fitted on the plug-in shaft [(11)] at the level of the cover plate [(27)].

Claim 21 (currently amended) Holding A holding element [(33)] comprising a cylindrical partial body [(39)], which is introducible into a recess [(40)] of a first article with a simultaneous build-up of a radial bias in such a way that a force-locking connection is established between the holding element [(33)] and the first article, and a conical partial body [(41)], which adjoins the cylindrical partial body [(39)] and in an

initial assembled state is passed through a recess [(32)] of a second article and is in contact with the recess [(32)] of the second article in such a way that by means of the holding element [(33)] a positive connection is realized between the first article and the second article.

Claim 22 (currently amended). ~~Holding~~ The holding element according to claim 21, ~~characterized in~~  
~~that~~ wherein the surface of the cylindrical partial body [(39)] of the holding element [(33)] has scales.

Claim 23 (currently amended). ~~Holding~~ The holding element according to claim 21 [[or 22]],  
~~characterized in~~  
~~that~~ wherein the cylindrical partial body [(39)] of the holding element [(33)] for receiving a screw [(51)] has an inner bore [(47)], the inside diameter of which approximately corresponds to the outside diameter of the screw [(51)].

Claim 24 (currently amended). ~~Holding~~ The holding element according to ~~one of claims 21 to 23~~ claim 21,  
~~characterized in~~  
~~that~~ wherein an inner bore portion [(53)], which is situated in the conical partial body [(41)] in continuation of an inner bore portion [(47)] situated in the cylindrical partial body [(39)] and the diameter of which is designed smaller than the diameter of the inner

bore portion ~~[[47]]~~ situated in the cylindrical partial body ~~[[39]]~~, is used to ventilate the recess ~~[[40]]~~ of the first article.

Claim 25 (currently amended). ~~Holding~~ The holding element according to ~~one of claims 21 or 24~~ claim 21,

~~characterized in~~

~~that~~ wherein the conical partial body ~~[[41]]~~ in its area ~~[[44]]~~ has an annular recess ~~[[43]]~~, the annular area of which tapers with increasing recess depth in such a way that up to the height of the base of the annular recess ~~[[43]]~~ there are formed in the center of the conical partial body ~~[[41]]~~ a cylindrical bottom partial body ~~[[45]]~~ and at the periphery of the conical partial body ~~[[41]]~~ a hollow-cone-shaped bottom partial body ~~[[46]]~~ of a constant wall thickness.

Claim 26 (currently amended). ~~Holding~~ The holding element according to claim 25,

~~characterized in~~

~~that~~ wherein the conical partial body ~~[[41]]~~ owing to the annular recess ~~[[43]]~~ is deformable in such a way that in a second assembled state it is introducible by its hollow-cone-shaped bottom partial body ~~[[46]]~~ entirely into the recess ~~[[40]]~~ of the first article.

Claim 27 (currently amended). ~~Holding~~ The holding element according to ~~one of claims 21 to 26~~ claim 21,

~~characterized in~~

~~that~~ wherein the cylindrical bottom partial body ~~[[45]]~~ is lengthened compared to the area ~~[[44]]~~ of the conical partial body ~~[[41]]~~ by the thickness of the second article, so that in the second assembled state the hollow-cone-shaped bottom partial body ~~[[46]]~~ is inserted entirely into the recess of the first article and there is therefore no longer any contact with the second article.

Claim 28 (currently amended). ~~Holding~~ The holding element according to claim 25 ~~[[or 26]]~~,

~~characterized in~~

~~that~~ wherein the hollow-cone-shaped bottom partial body ~~[[46]]~~ is adjoined by a hollow-cylindrical bottom partial body ~~[[52]]~~, the height of which corresponds to the thickness of the second article, so that in the final assembled state of the first and second article the hollow-cone-shaped bottom partial body ~~[[46]]~~ is inserted entirely into the recess of the first article and there is therefore no longer any contact with the second article.